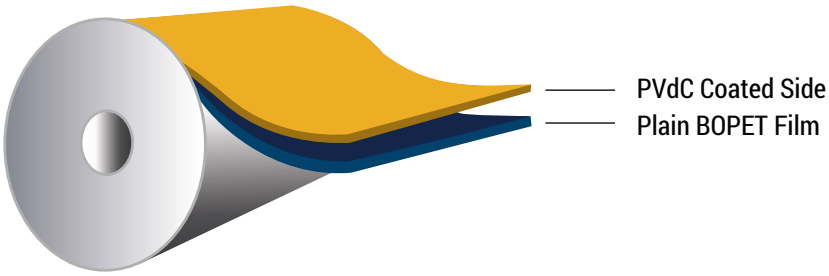
CHIRIPAL
POLY FILMS LIMITED



COATED PACKAGING FILM

PRODUCT DESCRIPTION

Clear BOPET film, one side PVDC coated and other side plain

FEATURES

- Excellent printability on coated side
- Outstanding barrier properties to moisture, oxygen, and aroma even at high humidity conditions
- Very high transparency
- Excellent dimensional stability, stiffness and mechanical properties
- PVDC coated BOPET films can be easily laminated with other substrates

APPLICATION

- Laminates with extended shelf life and aroma barrier like PET/PVDC/INK/PE
- Suitable for flexographic and gravure printing
- Suitable for "see-through" applications
- Not recommended for pasteurization/sterilization and hot/heat resistant applications

PROPERTIES		UNIT	TEST METHOD	CCP 12HB	CCP 13HB	CCP 14HB	CCP 23HB	CCP 36HB
Nominal Thickness		Micron	Internal Method	12	13	14	23	36
		Gauge		48	52	56	92	144
		Mil		0.48	0.52	0.56	0.92	1.44
Unit Weight(± 5%)		gm/m²		16.5	17.9	19.3	31.7	50.1
		lbs/ream		10.1	10.9	11.8	19.4	30.7
Yield		m²/kg		60.6	55.8	51.8	31.5	19.96
		in²/lb		42606	39231	36419	22179	14033
MECHANICAL PROPERTIES								
Tensile Strength	MD	kg/cm²	ASTM D-882	1800-2200				
	TD			2000-2300				
	MD	psi		25569-31251				
	TD			28410-32671				
Elongation Break	MD	%	ASTM D-882	90-100				
	TD			70-90				
THERMAL PROPERTIES								
Thermal Shrinkage (at 150°C/30 mins)	MD	%	ASTM D-1204	<2.5				
	TD			<0.5				
SURFACE PROPERTIES								
Co-efficient of Friction (A/B)	Dynamic	-	ASTM D-1894	0.30-0.45				
Surface Tension	Coated side	Dynes/cm	ASTM D-2578	> 54				
OPTICAL PROPERTIES								
Haze	(max.)	%	ASTM D-1003	4.0				
BARRIER PROPERTIES								
WVTR,38°C,90% RH(max.)		gm/m²/day	ASTM F-1249	8.0-10.0			<8	
		gm/100in²/day		0.52-0.65			<0.52	
OTR,23°C,0% RH(max.)		cc/m²/day		8.0-10.0			<8	
		cc/100in²/day	ASTM D-3985	0.52-0.65			<0.52	

Note: MD – Machine Direction, TD – Transverse Direction

Updated as on January 2025

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